



Half-tone imaging method uses combined point density and point size modulation of printed points**Publication number:** DE10136357**Publication date:** 2002-03-21**Inventor:** HE ZHEN (US); BOUMAN CHARLES A (US); LIN QIAN (US)**Applicant:** HEWLETT PACKARD CO (US)**Classification:**- **International:** B41J2/52; G06T5/00; H04N1/405; B41J2/52; G06T5/00; H04N1/405; (IPC1-7): H04N1/40; G06F3/12- **European:** H04N1/405C4**Application number:** DE20011036357 20010726**Priority number(s):** US20000645790 20000823**Also published as:** US7031025 (B1)
 JP2002118748 (A)[Report a data error here](#)**Abstract of DE10136357**

The half-tone imaging method has a half-tone image provided by individual image points subjected to combined point density and point size modulation for control of the overall grey level, in dependence on an input pixel value. Also included are independent claims for the following: (a) a half-tone image printing method; (b) an optimization method for a point density table and a point size table for a printing system; (c) a printing system with a printer and a computer; (d) an imaging device

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